	Work Order ID 77048 November-25-11 8:30:17 AM			*77(748*						Page 1		
Item ID: Revision ID:	D3439-3		,	Accept	*N900	040	100	n *	Setup Sta	1	IS1*		
Item Name: Start Date: Required Date: Reference:	25/11/2011	Start Qty: 40.00 Req'd Qty: 40.00	*40°		Cust Item 1 Customer:	D:				· "N	15 _, 7"		
Approvals:		n: <u>M.L.</u> J	1 1			ate:		F	Run Sta Sto	" [\]	R1*	•	
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp		
Draw Nbr	Rev	ision Nbr										_	
D3439	В												
*100		,		0.00				40	0		Stil	ızlzz	
Hardinge Hardinge CNC Lath	ne Small	Memo TURN AS PI FOLIO REV: DWG REV: DEBURR	ER FOLIO FA959	0.00									
110		QC2- Inspect parts off ma	schine FAI/FAIB	0.00				do	Ô		SIn	واما	
110 QC Quality Control		Memo		0.00				_7∪	U		DLMI	142	

Dart Aerospace Li	td
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			VV	ORK ORDER CHANG	ES					
DATE	STEP	PRO	OCEDURE CHA	ANGE	Ву	Da	ate Q	Ity	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			- And Andrews							
Resolutio		PAR #:	Fault Cate	egory:	NCR: Ye	es No	DQA: _		_ Date:	
	Re	solution:	Disposition	on:	QA: N/C	Close	d:		_ Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (N	CR)				
DATE	STEP	STEP Description of NC Section A		Corrective Action Section Action Description	Sig	n & ite	Verification Section C		Approval Chief Eng	Approval QC Inspector
			Chief Eng	Chief Eng						
		•								

	Vork Order ID 77048 ovember-25-11 8:30:17 AM D3439-3				*77	0 4	8*							Page 2
Item ID: Revision ID:	D3439-3				Accept	*	N900	040	100)*	Setup	Start Stop	IV	
Item Name: Start Date: Required Date Reference:	Stud 25/11/2011 : 09/12/2011	Start Qty: 40.00 Req'd Qty: 40.00		40* 40*			Cust Item I	ID:				эц	*N	S2*
Approvals:		Process Plan:QC:			Tooling: SPC (Y/N):			ate:			Run	Start Stop	171	R1*
Sequence ID/ Work Center I	D	Operation Description			Set Up/ Run Hours		Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
*120 *120* QC Quality Control		QC8- Inspect parts - secon	nd check	•	0.00	RP	· - 	- 23		40		\$		
130 *130*		Identify as per dwg & Stoo	ck Location:S	tga	0.00			0			// -	- /^	1 -)	2
Packaging Packaging		Memo			0.00				MOX)^	/	10		Э <u>.</u>
*140		QC21- Final Inspection - V	Work Order Rele	ease	0.00						/1	la	./280	A
QC Quality Control		Memo			0.00								γ	7 0 -
												#14	18/8/	/ HO

W/O:			V	ORK ORDER CHANG	GES				
DATE	STEP	PRO	OCEDURE CH	IANGE	Ву	Date Qty	Approval Chief Eng /	Approval QC Inspector	
- -							Prod Mgr		
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Part No	:	PAR #:	Fault Ca	tegory:	NCR: Yes No DQA: Date:				
	R	esolution:	Disposit	ion:	QA: N/C Cld	osed:	Date: _	·	
NCR:			WORK OR	DER NON-CONFORM	ANCE (NCR)			
DATE	OTED	Description of NC			ction B	Verification	Approval Chief Eng	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		QC Inspector	
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Picklist Print

November-25-11 8:30:21 AM

Work Order ID: 77048

Parent Item:

D3439-3

77048 *D3439-3*

Parent Item Name: Stud

Start Date: 25/11/2011

Required Date: 09/12/2011

Start Qty: 40.00

Required Qty: 40.00

Comments:

IPP Rev:A 10.09.08 new issue verf:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Ki	t Total Qty	Qty Issued	Date Issued	Status
M303R0.500		Purchased	No			100	f	473.8660	0.113	4.757895		0	1 1 (
M303R0	500								**	4.583		AJ	11/12/22

303 Round Bar 0.500"

Location	Loc Qty	Loc Code	
MAT028	473.866		<u> </u>
117143	11.34		
118271	11.9		
118509	12.69		.
119009	269.936		
المراز 19616	168		4.583'

Dail Aci	Ospace	Liu							
W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHAI	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	ang tra								
16 W									
Part No	•	PAR #:	Fault Categ	jory:	_ NCR: Yes	No DQ	A:	Date:	
	Resolution:		Disposition	:	_ QA: N/C Cld	sed:		Date: _	·
NCR:			WORK ORDE	R NON-CONFORMA	ANCE (NCR)			
DATE	OTED	Description of NC			ection B		ation	Approval Chief Eng	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C			QC Inspector
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	1]		1			· ·	

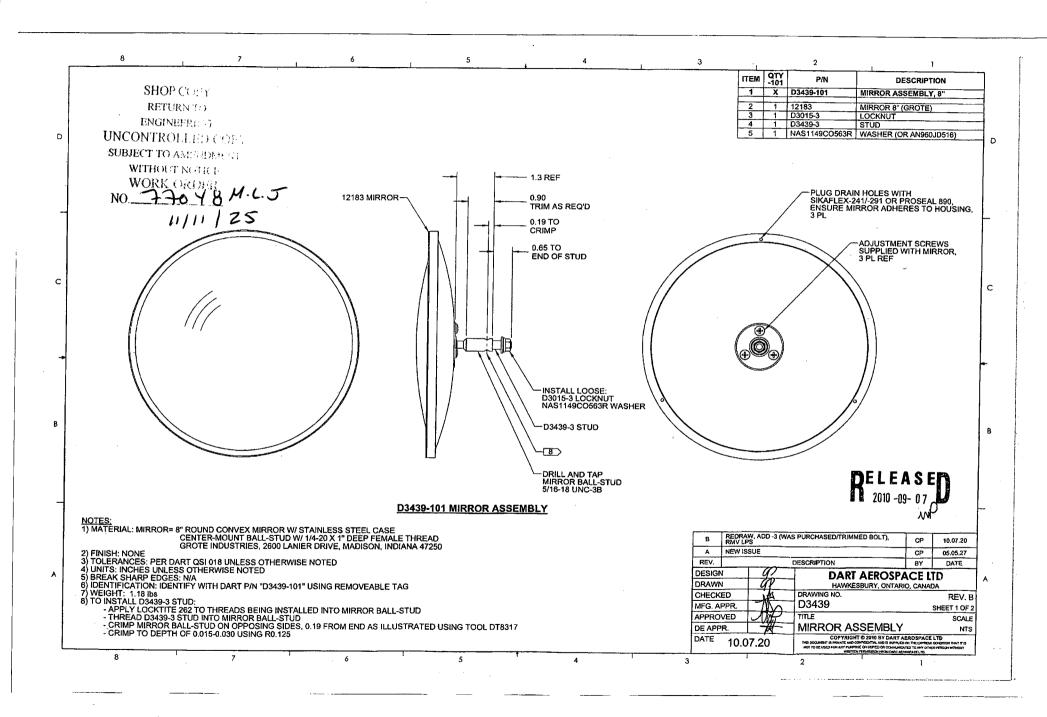
DART AEROSPACE LTD	Work Order:	77048
Description: Stud	Part Number:	D3439-3
Inspection Dwg: D3439 Rev: B		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

	1 11/0	HARTICLE	SPECI	ON CHE	CVF121	•
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.25	+/-0.030	1.250				
5/16-18 UNC-3A	N/A	5/16-18 UNC3A				
Major Ø	Max = 0.3125 Min = 0.3038	do.311				
M.O.W.	Max = 0.3245 Min = 0.3215	0.322				
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			<u> </u>			
						
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Measu	easured by:		Addited by: ,22		Preliminary Approval:	
	Date:	11/12/22	Date:	W. 12-23	Date:	
Rev	Date	Change			Revised by	Approved
_ A	11.06.21	New Issue			KJ 🚭	

W/O:	T		WO	RK ORDER CHANGE	S				
DATE	STEP	PRO	OCEDURE CHAI	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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		,						- 1-	
Part No	.	PAR #:	Fault Categ	jory:	NCR: Yes	lo DQA	•	_ Date: _	
	Re	esolution:	Disposition	l:	QA: N/C Clo	sed:		Date:	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCR)				
DATE	STEP	Description of NC	11011	n B Sign &	Verifica		Approval	Approval	
	O.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Date	Section	n C	Chief Eng	QC Inspector
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W/O:			WC	ORK ORDER CHANGE	S				
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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									:
Part No:		PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date:	-
Resolution:			Dispositio	Disposition: QA		A: N/C Closed: Date:			
NCR:		\	WORK ORD	ER NON-CONFORMAN	NCE (NC	R)			
DATE	CTED	Description of NC	Corrective Action Section B		า B	Verification		Approval	Approval
DATE	CTED	Description of NC				verition	cation		Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sect	cation ion C	Approval Chief Eng	Approval QC Inspector
DATE	STEP	Section A	Initial	Action Description Chief Eng		& Sect	cation ion C		Approval QC Inspector
DATE	STEP	Section A	Initial	Action Description Chief Eng		& Sect	cation ion C		Approval QC Inspector
DATE	STEP	Section A	Initial	Action Description Chief Eng		& Sect	ion C		Approval QC Inspector
DATE	STEP	Section A	Initial	Action Description Chief Eng		& Sect	ion C		Approval QC Inspector
DATE	STEP	Section A	Initial	Action Description Chief Eng		& Sect	ion C		Approval QC Inspector
DATE	STEP	Section A	Initial	Action Description Chief Eng		& Sect	ion C		Approval QC Inspector
DATE	STEP	Section A	Initial	Action Description Chief Eng		& Sect	ion C		Approval QC Inspector
DATE	STEP	Section A	Initial	Action Description Chief Eng		& Sect	ion C		Approval QC Inspector

-5/16-18 UNC-3A -0.030 x 60° CHAMFER TYP D3439-3 STUD 🛦

NOTES:
1) MATERIAL: AISI 303 STAINLESS STEEL ROUND BAR PER ASTM A582
REF DART SPEC M303R
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010
6) IDENTIFICATION: NONE
7) WEIGHT: 0.03 lbs

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DESIGN	100	DART AEROSPACE LTD				
DRAWN	U	HAWKESBURY, ONTARIO, C.	ANADA			
CHECKED	1	DRAWING NO.	REV. B			
MFG. APPR.	121	D3439	SHEET 2 OF 2			
APPROVED	Jul!	TITLE	SCALE			
DE APPR.	-#	MIRROR ASSEMBLY	. NTS			
DATE 10.	07.20	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PLAPOSE ON COPPED OR COMMINICATED TO ANY OTHER PERSON WITHOUT WITHOUT PERMASSION PROMINING AND ALL TO. WITHOUT PERMASSION PROMINING THE ARROSPACE LTD.				

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W/O:			V	ORK ORDER	CHANG	ES				
DATE STEP		PROCEDURE CHANGE				Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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			• • .							
Part No:		PAR #:	Fault Ca	tegory:		_ NCR: Yes	No DQ	A:	_ Date: _	
		esolution:	Disposition:			_ QA: N/C Clo	osed:	Date:		
NCR:			WORK OR	DER NON-CO	NFORMA	NCE (NCR)			
DATE	STEP	Description of NC	1	Corrective Action Section Initial Action Description		ver		ification	Approval	Approval
		Section A	Initial Chief Eng		f Eng	Date	Sect	ion C	Chief Eng	QC Inspector
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